

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Applicants: BURR ET AL. ) I hereby certify that this paper (along  
Serial No.: 10/675,446 ) with any paper referred to as being  
Filed: SEPTEMBER 30, 2003 ) attached or enclosed) is being  
Title: COMMUNICATION BUS ) transmitted via EFS-Web to the U.S.  
                              SUITABLE FOR USE IN A ) Patent and Trademark Office on the  
                              HAZARDOUS AREA OF A ) date shown below  
                              PROCESS PLANT )  
Group Art Unit: 2836      ) Dated: July 21, 2006.  
Examiner: ROMAN, LUIS ENRIQUE )  
                              ) *Scott E. Baxendale*  
                              ) Scott E. Baxendale  
                              ) Reg. No. 41,605

Response To  
Office Action Dated April 21, 2006.

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated Oct. 19, 2005, Applicants respectfully requests the Examiner to reconsider the rejection of the claims in view of the following comments as set forth below. The Claims have not been amended.

**A Listing of the Claims** begins on page 2 of this paper.

**Remarks** begin on page 9 of this paper.